

## SPECIAL PAPERS ON GENERAL METEOROLOGY.

## RECENT ADDITIONS TO THE WEATHER BUREAU LIBRARY.

C. FITZHUGH TALMAN, Librarian.

The following have been selected from among the titles of books recently received as representing those most likely to be useful to Weather Bureau officials in their meteorological work and studies. Anonymous publications are indicated by a —.

**Angot, Alfred.**

Instructions météorologiques. 5th ed. Paris. 1911. vi, 161 p. 8°.

**Azores. Service météorologique.**

Résumé d'observations, 1910. Lisbonne. 1911. 17 p. 8°.

**Bremen. Meteorologisches Observatorium.**

Deutsches Meteorologisches Jahrbuch, 1910. Bremen. 1911. viii, 91 p. f°.

**British rainfall, 1910.** London. 1911. cxii, 128 p. 8°.**Brounov, P. I.**

Kratkij ocherk dsefatelnosti meteorologicheskago bñfiro ea vremia ego sushchestvovaniia. S.-Peterburg. 1908. 19 p. 8°. [Brief review of the activity of the Russian Meteorological bureau since its establishment.]

**Diaz, Severo.**

El clima de la ciudad de Guadalajara. Mexico. 1911. 26 p. f°.

**Egypt. Survey department.**

The rains of the Nile basin and the Nile flood in 1909. Cairo. 1910. 55, iii p. 4°.

**Emery, Samuel C.**

Mississippi River levees and their effect on river stages during flood periods. Washington. 1910. 21 p. 8°. (U. S. Weather Bureau. Bulletin 38.)

**Geneva. Observatoire.**

Observations météorologiques faites aux fortifications de Saint-Maurice pendant l'année 1910. Genève. 1911. 55 p. 8°.

Résumé météorologique de l'année 1910 pour Genève et le Grand Saint-Bernard. Genève. 1911. 45, 104 p. 8°.

**Greifswald. Meteorologische Station.**

Ablessungen, 1910. Greifswald. [1911.] 50 p. 8°.

**Grosse, W.**

Beiträge zur Klimabeurteilung Bremens und zur Klimavergleichung von Berlin, Bremen und Frankfurt a. M. Bremen. 1911. 24 p. f°.

**Houlevigue, Louis.**

Le ciel et l'atmosphère. Paris. 1911. xii, 304 p. 12°.

**India. Meteorological department.**

Memorandum on the monsoon conditions prevailing during June and July, with a forecast for August and September, 1911 . . . Simla. 1911. 4 p. f°.

**Indo-China. Service météorologique.**

Bulletin pluviométrique, 1910. Phu-Lien. 1911. 44 p. 39 x 28cm.

**Kassner, C[arl].**

Die Verwertung der Wetterbeobachtungen in Norddeutschland durch die Kriminalistik. Leipzig. 1911. p. 154-164. 8°. (S.-A.: Arch. Kriminalanthrop. u. Kriminalistik, Leipzig, 1911, 43: 154-164.)

**Lewis, C. I., & Brown, F. R.**

Preliminary frost fighting studies in the Rogue River valley [Oregon]. Corvallis, Oreg. 1911. 62 p. 8°. (Oreg. agr. coll. Bull. 110.)

**Mecking, Ludwig.**

Die Luftdruckverhältnisse und ihre klimatischen Folgen in der Atlantisch-Pacificischen Zone südlich von 30° S. Br. (Deutsche Südpolar-Expedition 1901-1903. Bd. 3. Meteorologie I, 2. Hft. 2.) Berlin. [1911.] p. 43-129. f°.

**Meinardus, Wilhelm.**

Ergebnisse der internationalen meteorologischen Kooperation, Oktober 1901 bis März 1904. (Deutsche Südpolar-Expedition 1901-1903. Bd. 3. Meteorologie I, 2. Hft. 1.) Berlin. [1911.] 42 p. f°.

**Meinardus, Wilhelm, & Mecking, Ludwig.**

Meteorologischer Atlas. Mittlere Isobarenkarten und tägliche synoptische Wetterkarten der höheren südlichen Breiten von Oktober 1901 bis März 1904. (Deutsche Südpolar-Expedition 1901-1903. Atlas, Hft. 1.) Berlin. 1911. 17 Tafeln. 34 x 29cm.

**Mississippi River commission.**

Stages of the Mississippi River . . . 1910. St. Louis. 1911. lxviii, 76 p. 8°.

**Negro, Carlo.**

Sulla formazione del gelicidio. n. p. [1911.] 7 p. 4°. (Estr.: Atti pont. acc. romana nuovi Lincei, 64, 1911.)

Sulla quantità di pioggia nelle montagne. n. p. [1911.] 5 p. 4°. (Estr.: Atti pont. acc. romana nuovi Lincei, 64, 1911.)

**Nodon, A.**

L'action électrique du soleil, son rôle dans les phénomènes cosmiques et terrestres. Paris. 1910. xv, 199 p. 12°.

**Roots, James D.**

What becomes of the sunlight and heat absorbed by the earth? A description of the continuous cycle of operations of the energy of the solar system, and of the cause of gravitation. [4th ed.] London. 1910. 40 p. 8°.

**Rudovits, L.**

Raspredelenie temperatur i vlazhnostei v nizhnikh slojakh vozdukh v prisutstvii drevesnoi rastitelnosti. [German summary.] Sankt Peterburg. 1908. 68 p. 8°. [On the distribution of temperature and moisture in the lower atmospheric strata under the influence of forest cover.]

**Schmucker, Matthäus.**

Wie wird das Wetter? Dillingen a. D. 1911. 147 p. 12°. [Ascribes weather changes to moon, planets, and constellations.]

**Stabile, Augusto.**

La previsione del tempo. Elementi di meteorologia ad uso degli agricoltori. Milano. [1910.] 63 p. 16°.

**Vujević, P[aul].**

Temperature tla u Beogradu. Beograd. 1909. p. 95-177. [Reprinted: Glas Srpske kralj. Akad., 79, 1909, Beograd.) [Soil temperatures at Belgrade.]

**Yurief [Dorpat]. University. Meteorological observatory.**

Meteorologische Beobachtungen, 1910. Yurief [Dorpat]. 1911. 93 p. 8°.

## RECENT PAPERS BEARING ON METEOROLOGY.

C. FITZHUGH TALMAN, Librarian.

The subjoined titles have been selected from the contents of the periodicals and serials recently received in the library of the Weather Bureau. These titles are of papers or other communications bearing on meteorology or cognate branches of science. This is not a complete index of the meteorological contents of all journals from which it has been compiled; it shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau. Unsigned articles are indicated by a —.

*American geographical society. Bulletin. New York. v. 43. September, 1911.*

**Hobbs, William Herbert.** The pleistocene glaciation of North America viewed in the light of our knowledge of existing continental glaciers. p. 641-659. [Deals with the relations of continental glaciers to meteorological conditions.]

*American journal of science. New Haven. 4 ser. v. 32. September, 1911.*

**Sanderson, James Cox.** The probable influence of the soil on local atmospheric radioactivity. p. 169-184.